



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Claude RANOUX

Serial No. 07/449,942

GROUP 338

Filed December 29, 1989

Examiner K. Reichle

PROCESS FOR INTRA-UTERINE
FERTILIZATION IN MAMMALS
AND DEVICE FOR IMPLEMENTA-
TION THEREOF

R. Kent
1-4-90
#7/Prior
Art

SUBSTITUTE INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents & Trademarks

Washington, D.C. 20231

Sir:

In lieu of the Information Disclosure Statement filed October 30, 1989, kindly make of record the accompanying fresh copy of Form PTO-1449. Fresh copies of the references cited therein need not be supplied, as they are already of record.

As previously pointed out, these references were cited in the corresponding International application Serial No. PCT/FR88/00212, filed May 2, 1988.

The non-pertinence of references AA, AB and AR in the previous Information Disclosure Statement was apparently evident to the examiner. It was as to references AL-AP that the examiner did not give consideration, because they are not in English.

Accordingly, the following remarks explain the non-pertinence of each of these foreign-language references:

European patent application No. 0 066 488 discloses a reservoir for semen for use in artificial insemination of poultry hens. The device comprises a tube for semen and a piston displaceable therein.

French patent application No. 2,539,628 was cited in the International search report for the content of claim 1. This patent discloses a method and device for separating mobile cells such as spermatozoa from other constituents of semen.

French patent 2,589,879 corresponds to applicant's copending application No. 080 537 issued as patent No. 4,902,286 concerning a process for fertilizing ovocytes in a container and the container. The French application and PCT counterpart are cited and discussed on page 1 of the instant application.

German patent application No. 1,616,899 discloses a method and apparatus for artificial insemination of animals. In this method frozen sperm is introduced into the vagina or uterus of an animal for insemination.

RANOUX S.N. 07/449,942

International application No. WO 83/02386 discloses a spangle for freezing mammal embryos and transferring the same to an animal to be artificially inseminated.

Respectfully submitted,

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By



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December 21, 1990